APPENDIX D

FACE SHEET

Title of Project:			
AD Number:	(Case file/Serial Numbe	er:
Preparing Office:	Bakersfield Field	d Office	
Project Leader:	Title:		
LIST OF PREPAR	RERS:		
POSITION		SIGNATURE	
1. WILDLIFE			
2. BOTANY			
3. CULTURAL R	ESOURCES		
4. RANGE			
5. MINERALS			
6. RECREATION (Wilderness, Vis	ual Resources)		<u></u>
7. LANDS (Use Authorization)	ons, Land Tenur	e Adjustment)	
Project Leader:	Signature		 Date
	Signature		Dait

U.S. DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Carrizo Plain Natural Area ADMINISTRATIVE DETERMINATION

Proje	et Name: Case File/Lease/Serial Number:
Locat	ion:
Affect	red Surface Area (total area): native habitat: previously disturbed:
Propo	sed Action (attach map):
ACE	C (Name):
numbe	FING EA/EIS REVIEW. This proposed action is addressed in the Carrizo Plain Natural Area Management Plan, page r: action number:, approved on (Date). This EA/EIS has been reviewed against the following a to determine if it covers the proposed action:
1. 2. 3. 4. 5. 6. 7.	The proposed action is a feature of, or essentially the same as, the alternative selected and analyzed in the existing document. A reasonable range of alternatives was analyzed in the existing document. There has been no significant change in circumstances or significant new information germane to the proposed action. The methodology/analytical approach previously used is appropriate for the proposed action. The direct and indirect impacts of the proposed action are not significantly different than those identified in the existing document. The proposed action would not change the previous analysis of cumulative impacts. Public involvement in the previous analysis provides appropriate coverage for the proposed action.
	andard mitigation measures contained in the Carrizo Plain Natural Area Management Plan have been reviewed and that are applicable to this project are attached.
	project is subject to compliance with the Carrizo Plain Natural Area Management Plan Biological Opinion. Mitigation res required for compliance with this Biological Opinion are attached.
	project is subject to compliance with the Carrizo Plain Natural Area Grazing Biological Opinion. Mitigation measures ed for compliance with this Biological Opinion are attached.
DECI	SION / ADMINISTRATIVE DETERMINATION.
applic	reviewed this plan and NEPA conformance record and concur with the finding that it is in conformance with the able land use plan and that no further environmental analysis is necessary. Therefore, it is my decision to implement oject with the attached mitigation incorporated as stipulations.
Autho	rized Officer: Date:

SUPPLEMENTAL INFORMATION.

Team Review.

		Items from Standard	Items from Grazing or	Special	Field Survey Required?	
	Initials	Checklist? YES NO	Plan Opinion Checklist? YES NO	Mitigation? YES NO		Date Completed
Reviewed for cult/paleo/N.A. values						
Reviewed for wildlife						
Reviewed for plants						
Reviewed for:						
Reviewed for:						
Reviewed for:						

MITIGATION MEASURES.

CPNA Standard Mitigation Measures

P - required by CPNA Plan Opinion also **G** - required by CPNA Grazing Opinion also

General

Gene	• • • • • • • • • • • • • • • • • • • •
	P Authorizations for new surface disturbing activities will encourage the use of existing corridors, avoiding impacts to listed species and minimizing impacts to significant cultural and paleontological resources, riparian communities, and sensitive species.
	P New development within 1/4 mile of springs, guzzlers, or riparian areas will be avoided whenever possible. This restriction is intended to minimize wildlife disturbance at key water locations and to limit impacts to sensitive watersheds. Activities that may be allowable in these areas include spring developments, water pipelines, and fences. Power lines, roads, and other linear developments may be allowed, with suitable mitigation, to cross riparian areas where there are no viable alternatives.
	P Exploration, construction, and development activities will have seasonal restrictions imposed within a 1/2 mile radius around raptor nest sites. Seasonal restrictions will allow for undisturbed courtship, nest building, incubation and fledging. This seasonal restriction may last as long as six months, depending upon species. Restrictions may be imposed around high use areas during other seasons.
	P Soil disturbing activities may be prohibited during periods of runoff, or when soils are wet and muddy, in order to minimize damage.
	P & G Upon completion of construction of a project, signs or barriers may be installed to prevent continued travel on construction roads.

	P Roads and well pads in areas of extremely unstable bedrock formations and active landslides will be precluded or will require special design criteria. Civil engineering studies or geotechnical studies will be required to determine feasibility prior to road and drill pad construction.
	${\bf P}$ New wells and power lines will not be developed within 100 yards of ridge lines to minimize potential impacts to condors.
	${f P}$ All surface disturbing activities will be designed to minimize wind and water erosion. Consistency with state air pollution laws will be maintained.
	${f P}$ A listing of hazardous materials on CPNA lands, their storage locations, and the proposed method of disposal will be required as a part of all appropriate authorizations.
	P Vegetation removal and surface disturbance will be minimized. Surface rehabilitation measures will be applied when needed to protect the soil surface. Hand clearing will be emphasized over heavy equipment.
	A visual resource contrast rating will be conducted for all construction sites. Projects may be modified to protect visual resource quality.
	${\bf P}$ & G All contemporary food related trash, such as wrappers, cans, bottles, and food scraps will be disposed of in closed containers and regularly removed from a construction site.
	All surface disturbing projects will be planned and designed to avoid impacts to significant cultural and paleontological resources to the greatest extent possible.
Bioti	c Communities
	P & G Surveys for sensitive resources shall be done prior to any activities that have the potential to affect natural communities and core species. Sensitive resource locations encountered during surveys will be marked for avoidance. Disturbance to San Joaquin kit fox dens, giant kangaroo rat burrows, San Joaquin antelope squirrel burrows, and burrows used by blunt-nosed leopard lizards will be avoided to the greatest extent possible. Personnel familiar with the sensitive resource may be required to be present during construction activities.
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	P & G Projects that involve trenching should generally be scheduled during blunt-nose leopard lizard inactive periods (Oct - Mar) to reduce pitfall mortality, or should require several trench inspections per day. Escape ramps will be provided in all trenches, pits and water troughs. Trenches and pits may also be covered with plywood or similar material, and will be inspected regularly to removed entrapped animals. A final inspection of each trench and pit will be made before backfilling.
	P & G Pipe ends, culverts, and similar structures with a diameter of at least three inches will be thoroughly inspected for entrapped animals before being moved, capped, or buried. Any animals found inside will be allowed to escape before the pipe or culvert is moved, capped, or buried. During construction, all partially installed pipe ends, culverts, and similar structures will remain covered unless closely attended by a monitor.
	P & GIf destruction to a San Joaquin kit fox den is unavoidable, the USFWS and CDF&G will be notified. Destruction of known or suspected natal or pupping dens will be avoided during the breeding season (November 1 to July 31). Destruction of natal or pupping dens known to be occupied will not be permitted until the den has been vacated. Prior to the destruction of any known San Joaquin kit fox den, the den will be monitored for at least three consecutive days to determine its current status. Activity will be monitored by placing tracking medium at the entrance(s) and by spotlighting. If no activity is observed during this period, the den will be destroyed immediately to preclude subsequent use. If kit fox activity is observed at the den during this period, the den will be monitored for five consecutive days from the time of observation to allow any resident animal to move to another den during normal activities. Use of the den will be discouraged by partially plugging the entrance(s) with soil in such a manner that any resident animal can escape easily. Destruction of the den will begin when the animal has moved to a different den. If the animal is still present after five or more consecutive days of plugging and monitoring, the den may be excavated. Excavation of the den will be conducted when it is temporarily vacant, for example during the animals' normal foraging activities. Destruction of the den will be accomplished by careful excavation with hand tools until it is certain that there are no kit foxes inside. The den will be fully excavated and then filled with dirt and compacted to ensure that kit foxes cannot reenter or use the den during the construction period. If a kit fox is discovered inside the den, the excavation activity will cease and the animal will be allowed to escape.
	Natural barriers will be utilized where possible for livestock control to reduce the amount of fence construction. Trail Resources
Cuitt	irai Resources
	An evaluation of cultural resources will be conducted for all projects that affect the soil surface or subsurface.
	Identification and avoidance or mitigation of adverse effect will be required as a condition of a lease, permit, or license.
	Any cultural or paleontological resource discovered will be reported to the Caliente Resource Area (RA) manager. Any activity in the immediate area will be suspended until written authorization to proceed is issued by the Caliente RA manager. An evaluation of the discovery will be made by the Caliente RA manager to determine appropriate actions to prevent the loss of significant cultural or scientific values.
	Sensitive cultural resource records and site locations will be held confidential from the general public.
	It is the managing partners policy to avoid impact with significant cultural values whenever possible and to retain a representative example of the full array of cultural resource site types, and to avoid inadvertent loss or destruction of cultural and paleontological resources by actions or authorizations.
	Additional archaeological survey will be required in the event a proposed project location is changed, modified, or additional surface disturbing activities are added to the project after the initial survey is completed. This survey and associated documentation must be completed prior to commencement of the project.

Nauv	e American
	Before making any land use planning decisions or approving actions that could result in changes to lands or resources, changes in access, or alienation of lands, the managing partners will observe pertinent consultation requirements with Native Americans.
	Sensitive cultural and traditional life way values will be held confidential from the general public.
	It is the policy of the managing partners to avoid impact with significant cultural and traditional life way values whenever possible.
Mine	rals
	Mitigation and avoidance measures for mineral resources and oil and gas activities are contained in the Caliente RMP and Technical Appendix.
Recr	eation
	Groups of 20 or more people and any organized group using an area for recreational purposes will be required to obtain a Special Recreation Use Permit pursuant to CFR 43, Subpart 8372.
	Requests for activities within the Caliente WSA will be evaluated in accordance with the Interim Management Policy until such time that the area is designated as wilderness or released from wilderness review.
	Requests for recreational uses not identified in this plan will be evaluated on a case-by-case basis.
	Sanitary facilities will be provided at appropriate locations and serviced by contract or government forces.
	All new public facilities will be handicapped-accessible.
Admi	inistration
	Some realty actions originate from preexisting, third-party rights, and need no new authorization. All new realty actions will be consistent with Federal and State regulations and laws, the RMP and county general plans as much as possible.
Dispo	osals
	Exchanges may be arranged with private conservation organizations using statewide exchange agreements and pooling agreements. Such exchanges need not balance land values exactly on each exchange, since the balance will be maintained on a statewide basis.
Lease	es and permits
	Leases in existence when lands are acquired will be honored through their expiration date (third-party rights). Agricultural leases will be phased out within two years of land acquisition. Grazing leases may be renewed on a case-by-case basis, if consistent with the management objectives of this plan.
	Recreation and Public Purposes Act lease applications will be considered inconsistent with the mission of the CPNA and will be rejected.

Rights-of-way					
	Valid rights-of-way or easements in existence when lands are acquired will be honored through their expiration date. In many cases, ownership of easements on servient estates will merge when a managing partner acquires the dominant estate.				
	Right-of-way applications will be considered in light of the management objectives of this plan. The CPNA will be a right-of-way avoidance area. Where feasible, use of existing corridors may be allowed.				

Unauthorized use, development & occupancy

 Incidents of unauthorized use, occupancy, or development on CPNA lands will be identified and resolved in a prompt,
efficient manner. Back rental, damage compensation, and rehabilitation or stabilization of the damaged lands may be
required at the expense of the trespasser. Attempts may be made to resolve t respass administratively before resorting
to civil or criminal procedures for resolution.

CPNA PLAN PROGRAMMATIC WORKSHEET 1-1-95-F-149

Project Name: EA or CER Number: Project Lead: Field Lead:						Date
item	dimensions disturbance	of	% habitat	temporary vs permanent	disturbed	
temporary habitat di	sturbance	ESTIMA	ATES		POST-PROJECT	REVISIONS
permanent habitat disturbance (acres)						
species impacted take						
During major of that may result In addition to as unrelated to the Temporary habitat Permanent habitat	italics indi P & G - requ ardous material: onstruction activ in incidental tak voidance and miti management of disturbance 1.1 to disturbance 3 to	cates addi S - Standar ired by CF s within en rities, the F e of federa gation mea the CPNA	rd CPNA Plan P PNA Plan Opin dangered special Bureau shall pro- ally listed special asures, compens	es due to term. Mitigation Me ion and CPNA ies habitats sh ovide a qualifi es or destruction	s and conditions asure A Grazing Opinion all be cleaned up in ied wildlife biologist ion of habitat.	t to oversee all activities ty authorizations that are
Vernal pools 5 to 1 Seasonally filled n Compensation will	atural depression				nent).	

____ P & G Pets shall not be permitted on a project site during project activities, except if confined or leashed.

 S Authorizations for new surface disturbing activities will encourage the use of existing corridors, avoiding impacts to listed species and minimizing impacts to significant cultural and paleontological resources, riparian communities, and sensitive species.
 S New development within 1/4 mile of springs, guzzlers, or riparian areas will be avoided whenever possible. This restriction is intended to minimize wildlife disturbance at key water locations and to limit impacts to sensitive watersheds. Activities that may be allowable in these areas include spring developments, water pipelines, and fences. Power lines, roads, and other linear developments may be allowed, with suitable mitigation, to cross riparian areas where there are no viable alternatives.
 S Exploration, construction, and development activities will have seasonal restrictions imposed, within a 1/2 mile radius around raptor nest sites. Seasonal restrictions will allow for undisturbed courtship, nest building, incubation and fledgling. This seasonal restriction may last as long as six months, depending upon species. Restrictions may be imposed around high use areas during other seasons.
 S Soil disturbing activities may be prohibited during periods of runoff, or when soils are wet and muddy, in order to minimize damage.
 S Upon completion of construction of a project, signs or barriers may be installed to prevent continued travel on construction roads.
 S Roads and well pads in areas of extremely unstable bedrock formations and active landslides will be precluded or will require special design criteria. Civil engineering studies or geotechnical studies will be required to determine feasibility prior to road and drill pad construction.
 S New wells and power lines will not be developed within 100 yards of ridge lines to minimize potential impacts to condors.
 ${f S}$ All surface disturbing activities will be designed to minimize wind and water erosion. Consistency with state air pollution laws will be maintained.
 ${f S}$ A listing of hazardous materials on CPNA lands, their storage locations, and the proposed method of disposal will be required as a part of all appropriate authorizations.
 S Vegetation removal and surface disturbance will be minimized. Surface rehabilitation measures will be applied when needed to protect the soil surface. Hand clearing will be emphasized over heavy equipment.
 S All contemporary food related trash, such as wrappers, cans, bottles, and food scraps will be disposed of in closed containers and regularly removed from a construction site.
 S Surveys for sensitive resources shall be done prior to any activities that have the potential to affect natural communities and core species. Sensitive resource locations encountered during surveys will be marked for avoidance. Disturbance to San Joaquin kit fox dens, giant kangaroo rat burrows, San Joaquin antelope squirrel burrows, and burrows used by blunt-nosed leopard lizards will be avoided to the greatest extent possible. Personnel familiar with the sensitive resource may be required to be present during construction activities.
 S Authorizations for surface disturbing activities near sensitive plants will require avoidance of those plants, or restrictions for all or a portion of the time period from germination to seed dispersal. Inventories for sensitive plant species will be conducted in order to identify areas to avoid. Care will be taken to res tore topsoil and topography to site when the project is completed.
 S If more than 30 days has elapsed since the last biological field survey, an additional survey will be conducted by a qualified biologist, biological technician, or natural resource specialist before commencement of construction.
 S All persons involved in project construction work will be informed of listed species in the project area, and specific measures which must be taken to avoid impacts to these species.

 S Timing of activities will be planned to minimize impacts to sensitive resources to the extent practical. The following are examples of actions that may be taken:
 If burrows used by blunt-nosed leopard lizards may be collapsed, the activity will be planned for when blunt-nosed leopard lizards are active.
 If nesting birds may be impacted, the activity will be planned for after the nesting season.
 If habitat of sensitive annual plant species is involved, activity will be planned for after seed set.
 S Projects that involve trenching should generally be scheduled during blunt-nose leopard lizard inactive periods (Oct-Mar) to reduce pitfall mortality, or should require several trench inspections per day. Escape ramps will be provided in all trenches, pits and water troughs. Trenches and pits may also be covered with plywood or similar material, and will be inspected regularly to removed entrapped animals. A final inspection of each trench and pit will be made before backfilling.
 S Pipe ends, culverts, and similar structures with a diameter of at least 3 inches will be thoroughly inspected for entrapped animals before being moved, capped, or buried. Any animals found inside will be allowed to escape before the pipe or culvert is moved, capped, or buried. During construction, all partially installed pipe ends, culverts, and similar structures will remain covered unless closely attended by a monitor.
S If destruction to a San Joaquin kit fox den is unavoidable, the Service and CDFG will be notified. Destruction of known or suspected natal or pupping dens will be avoided during the breeding season (November 1 to July 31). Destruction of natal or pupping dens known to be occupied will not be permitted until the den has been vacated. Prior to the destruction of any known San Joaquin kit fox den, the den will be monitored for at least 3 consecutive days to determine its current status. Activity will be monitored by placing tracking medium at the entrance(s) and by spotlighting. If no activity is observed during this period, the den will be destroyed immediately to preclude subsequent use. If kit fox activity is observed at the den during this period, the den will be monitored for 5 consecutive days from the time of observation to allow any resident animal to move to another den during normal activities. Use of the den will be discouraged by partially plugging the entrance(s) with soil in such a manner that any resident animal can escape easily. Destruction of the den will begin when the animal has moved to a different den. If the animal is still present after 5 or more consecutive days of plugging and monitoring, the den may be excavated. Excavation of the den will be conducted when it is temporarily vacant, for example during the animals' normal foraging activities. Destruction of the den will be accomplished by careful excavation with hand tools until it is certain that there are no kit foxes inside. The den will be fully excavated and then filled with dirt and compacted to ensure that kit foxes cannot reenter or use the den during the construction period. If a kit fox is discovered inside the den, the excavation activity will cease and the animal will be allowed to escape.

CPNA GRAZING PROGRAMMATIC WORKSHEET

Project Name: EA or CER Number Project Lead: Field Lead:	:					Date
item dimensions disturbance			% habitat	temporary vs permanent	habitat disturbed	
						_
			ATES		POST-PROJECT REVISIONS	
temporary habitat (acres)	listurbance					
permanent habitat disturbance (acres)						
species impacted						
take						
Surface Disturbance Vegetation ren	italië P & G - requ	es indicate S - Standa ired by C	•	e to terms and Mitigation Me aion and CPNA	conditions asure A Grazing Opinion	ject completion. Surface
heavy equipme		f facility u	se by the Bured			g will be emphasized ove nimized by making every
Vehicle Use						
selected to min	nimize damage to ll be confined to	burrows, improved	dens, sensitive county roads	plant habitat, and existing	and shrubs. All vel	ad vehicle routes will be hicle operation by ranch ds. No off-road vehicle zed by the Bureau.
Vehicle speed	limits will be lim	ited to the	minimum reas	onable speed t	o reduce potential fo	or road kills.
S Upon complete construction re		tion of a p	oroject, signs o	r barriers may	be installed to prev	vent continued travel or

Resource Protection

 S Surveys for sensitive resources shall be done prior to any activities that have the potential to affect natural communities and core species. Sensitive resource locations encountered during surveys will be marked for avoidance. Disturbance to San Joaquin kit fox dens, giant kangaroo rat burrows, San Joaquin antelope squirrel burrows, and burrows used by blunt-nosed leopard lizards will be avoided to the greatest extent possible. Personnel familiar with the sensitive resource may be required to be present during construction activities.
 S If more than 30 days has elapsed since the last biological field survey, an additional survey will be conducted by a biologist, biological technician or natural resource specialist, before commencement of construction.
 All persons involved in project work will be informed of the occurrence of federally-listed species in the project area, and the specific measures that must be taken to avoid impacts to these species.
 Riparian areas may be fenced to prevent degradation. Water diversions will divert the minimum necessary amount. Float valves or other devices will be installed to control diversion amounts. Water for livestock use will be piped as far from the riparian area as practical. If possible, livestock waters will be kept on yearlong for use by wildlife.
 P & G Pets shall not be permitted on a project site during project activities, except if confined or leashed.
 S Pipe ends, culverts and similar structures with a diameter of at least 3 inches will be thoroughly inspected for entrapped animals before being moved, capped or buried. Any animals found inside will be allowed to escape before the pipe or culvert is moved, capped or buried. During construction, all partially installed pipe ends, culverts and similar structures will remain covered unless attended to by a monitor.
 S All contemporary food related trash, such as wrappers, cans, bottles and food scraps will be disposed of in closed containers and regularly removed from the project site.
 S Timing of activities will be planned to minimize impacts to sensitive resources to the extent practical. The following are examples of actions that may be taken:
 If burrows used by blunt-nosed leopard lizards may be collapsed, the activity will be planned for when blunt-nosed leopard lizards are active.
 If nesting birds may be impacted, the activity will be planned for after the nesting season.
 If habitat of sensitive annual plant species is involved, activity will be planned for after seed set.
 S Projects that involve trenching should generally be scheduled during blunt-nose leopard lizard inactive periods (Oct-Mar) to reduce pitfall mortality, or should require several trench inspections per day. Escape ramps will be provided in all trenches, pits and water troughs. Trenches and pits may also be covered with plywood or similar material, and will be inspected regularly to removed entrapped animals. A final inspection of each trench and pit will be made before backfilling.
 Disturbance to or destruction of San Joaquin kit fox dens should be minimized to the maximum extent practicable between January 1 and April 30 to reduce disruption of kit fox breeding activities.
 S If destruction to a San Joaquin kit fox den is unavoidable, the Service and CDF&G will be notified. Destruction of known or suspected natal or pupping dens will be avoided during the breeding season (November 1 to July 31). Destruction of natal or pupping dens known to be occupied will not be permitted until the den has been vacated.

Prior to the destruction of any known San Joaquin kit fox den, the den will be monitored for at least three consecutive days to determine its current status. Activity will be monitored by placing tracking medium at the entrance(s) and by spotlighting. If no activity is observed during this period, the den will be destroyed immediately to preclude subsequent use. If kit fox activity is observed at the den during this period, the den will be monitored for 5 consecutive days from the time of observation to allow any resident animal to move to another den during the normal activities. Use of the den will be discouraged by partially plugging the entrance(s) with soil in such a manner that any resident animal can escape easily. Destruction of the den will begin when the animal has moved to a different den. If the animal is still present after 5 or more consecutive days of plugging and monitoring, the den may be excavated. Excavation of the den will be conducted when it is temporarily vacant, for example during the animals normal foraging activities. Destruction of the den will be accomplished by careful excavation with hand tools until it is certain that there are no kit foxes inside. The den will be fully excavated and then filled with dirt and compacted to ensure that kit foxes cannot reenter or use the den during the construction period. If a kit fox is discovered inside the den, the excavation activity will cease and the animal will be allowed to escape.